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## **FAX COVER SHEET**

**FAX NUMBER 17038729306**

**FROM Thomas M. Isaacson**

**DATE 2004-11-26 21:31:25 GMT**

**RE Application No.: 09/998,959**

### **COVER MESSAGE**

**Art Unit: 2655**

**Attorney Docket: 2000-0606**

**Dear Sirs:**

**Please find attached a response in the above-referenced patent application.**

**Respectfully submitted,**

**The Law Office of Thomas M. Isaacson  
Customer Number: 40271**

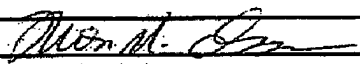
PTO/SB/21 (08-03)

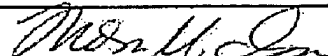
Approved for use through 08/30/2003. OMB 0651-0031

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|   |                        |                        |
|---|------------------------|------------------------|
| <b>TRANSMITTAL FORM</b><br>(to be used for all correspondence after initial filing) | Application Number     | 09/999,959             |
|   | Filing Date            | November 1, 2001       |
|   | First Named Inventor   | Bishnu Saroop Atal     |
|   | Art Unit               | 2865                   |
|   | Examiner Name          | Brian Louis Alvertalli |
| Total Number of Pages in This Submission  | Attorney Docket Number | 2000-0606              |

| ENCLOSURES (Check all that apply)  |   |  |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input checked="" type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance communication to Technology Center (TC)<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure(s) (please identify below): |
| Remarks _____  |   |  |
| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT   |   |  |
| Firm or Individual name  | Thomas M. Isaacson, Reg. No. 44188  |  |
| Signature  |    |  |
| Date   | November 26, 2004   |  |

| CERTIFICATE OF TRANSMISSION/MAILING   |   |      |               |
|---|---|------|---------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. |   |      |               |
| Typed or printed name   | Thomas M. Isaacson  |      |               |
| Signature   |  | Date | Nov. 26, 2004 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Application/Control Number: 09/998,959  
Art Unit: 2655

Docket No.: 2000-0606

**NOV 26 2004**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: :  
: Attorney Ref.: 2000-0606  
Bishnu Saroop Atal :  
Serial No.: 09/998,959 : Confirmation No.: 6485  
: Art Unit: 2655  
Filed: November 1, 2001 :  
FOR: SYSTEM AND METHOD OF : Examiner: Brian Louis Alvertalli  
PATTERN RECOGNITION IN VERY :  
HIGH-DIMENSIONAL SPACE :

**RESPONSE**

**MAIL STOP: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

Dear Sir:

Responsive to the communication dated August 26, 2004, kindly consider the following Amendment and Remarks.

Amendments to the specification begin on page 2.

Remarks begin on page 4.